



MI-CW4607

November 19, 2007

Michigan Crop Weather

Seasonal Temperatures

Six days were suitable for fieldwork during the week ending November 18, according to the USDA, NASS, Michigan Field Office. Precipitation varied from none in the central Lower Peninsula to 0.20 inches in the southeastern Lower Peninsula. Average temperatures ranged from no departure from normal in the west central, southwest, south central, and southeast Lower Peninsula to 1 degree above normal in the western and eastern Upper Peninsula, northwest, northeast, central, and east central Lower Peninsula. The past week of colder weather with little snow enabled farmers to continue corn harvest. A reporter in the west central mentioned that, "It was a pretty good November week with little precipitation that allowed for a full week of outside activity if you could sustain the winds." A farmer in the south central said that, "The mild weather has allowed for a record amount of fall tillage work and substantial growth on the recently planted wheat in our region."

Vegetables

Harvest of most vegetable crops was completed for the year. Fall tillage and preparation of farm equipment for the winter were the major activities.

Field Crops

Harvest of field crops was winding down as fall tillage and equipment repair were becoming the primary activities across the State. **Corn** harvest continued to progress. **Soybean** harvest was wrapped up. **Sugarbeet** harvest progressed as most growers finished up during the week. **Alfalfa** harvest fourth cutting continued in some areas. **Winter wheat** generally looked good.

Soil moisture for week ending 11/18/07

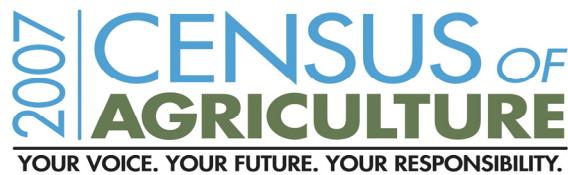
| Stratum | Very short | Short | Adequate | Surplus |
|---------|------------|---------|----------|---------|
| | Percent | Percent | Percent | Percent |
| Topsoil | 1 | 18 | 78 | 3 |
| Subsoil | 8 | 25 | 64 | 3 |

Crop progress for week ending 11/18/07

| Crop | This week | Last week | Last year | 5-year average |
|-------------------------|-----------|-----------|-----------|----------------|
| | Percent | Percent | Percent | Percent |
| All hay, fourth cutting | 87 | 84 | 94 | 99 |
| Corn, harvested | 90 | 83 | 69 | 82 |
| Sugarbeets, harvested | 98 | 93 | 95 | 98 |

Crop condition for week ending 11/18/07

| Crop | Very poor | Poor | Fair | Good | Excellent |
|--------------|-----------|---------|---------|---------|-----------|
| | Percent | Percent | Percent | Percent | Percent |
| Winter Wheat | 0 | 1 | 13 | 72 | 14 |



Michigan Weather Summary for Week Ending 11/18/07¹

| Station | Temperature | | | Cumulative growing degree days ² | | | Precipitation | | | | | |
|----------------------|-------------|---------|-----------------------|---|-------|--------|---------------|----------------|-----------------|---------------|--------|------|
| | Maximum | Minimum | Departure from normal | 2007 | 2006 | Normal | This week | Last two weeks | Last four weeks | Since April 1 | Normal | |
| | | | | | | | | | Since April 1 | For month | | |
| Ironwood | 54 | 21 | 1 | 2,518 | 2,320 | 2,050 | 0.17 | 0.61 | 0.95 | 22.65 | 24.00 | 2.54 |
| Marquette | 48 | 16 | | 2,394 | 2,123 | | 0.35 | 1.48 | 1.84 | 25.98 | | |
| Stephenson | 52 | 17 | | 2,727 | 2,471 | | 0.00 | 0.15 | 0.35 | 12.74 | | |
| Western UP | 57 | 16 | | 2,551 | 2,280 | | 0.14 | 0.56 | 0.90 | 19.83 | | |
| Cornell | 52 | 18 | 1 | 2,599 | 2,338 | 1,790 | 0.03 | 0.93 | 1.51 | 22.75 | 23.04 | 2.65 |
| Sault St Marie | 52 | 20 | | 2,348 | 2,177 | | 0.04 | 1.08 | 2.35 | 20.82 | | |
| Eastern UP | 52 | 18 | | 2,375 | 2,167 | | 0.12 | 1.24 | 1.98 | 23.06 | | |
| Beulah | 55 | 25 | 1 | 2,913 | 2,553 | 2,363 | 0.10 | 0.60 | 1.20 | 18.33 | 22.38 | 2.69 |
| Lake City | 54 | 23 | | 2,711 | 2,384 | | 0.10 | 0.90 | 1.33 | 18.52 | | |
| Old Mission | 53 | 29 | | 2,816 | 2,503 | | 0.07 | 0.65 | 1.19 | 13.93 | | |
| Pellston | 55 | 16 | | 2,696 | 2,441 | | 0.08 | 0.66 | 1.69 | 16.46 | | |
| Northwest | 55 | 16 | | 2,736 | 2,404 | | 0.15 | 0.88 | 1.61 | 17.06 | | |
| Alpena | 56 | 19 | 1 | 2,743 | 2,497 | 2,280 | 0.07 | 0.50 | 1.33 | 20.16 | 21.75 | 2.57 |
| Houghton Lake | 54 | 21 | | 2,730 | 2,465 | | 0.12 | 0.47 | 0.89 | 16.95 | | |
| Rogers City | 54 | 22 | | 2,758 | 2,568 | | 0.13 | 0.72 | 1.31 | 18.76 | | |
| Northeast | 56 | 19 | | 2,723 | 2,478 | | 0.11 | 0.69 | 1.29 | 19.46 | | |
| Fremont | 60 | 25 | 0 | 3,041 | 2,780 | 2,589 | 0.10 | 0.27 | 0.46 | 17.66 | 22.69 | 2.88 |
| Hart | 56 | 23 | | 2,908 | 2,597 | | 0.07 | 0.21 | 0.37 | 14.59 | | |
| Muskegon | 57 | 29 | | 3,176 | 2,846 | | 0.07 | 0.25 | 0.52 | 18.50 | | |
| West Central | 60 | 21 | | 2,996 | 2,704 | | 0.07 | 0.22 | 0.40 | 16.98 | | |
| Alma | 60 | 26 | 1 | 3,180 | 2,794 | 2,676 | 0.00 | 0.06 | 0.62 | 20.07 | 22.98 | 2.49 |
| Big Rapids | 59 | 26 | | 2,853 | 2,570 | | 0.00 | 0.07 | 0.49 | 21.93 | | |
| Central | 60 | 25 | | 3,025 | 2,698 | | 0.00 | 0.07 | 0.51 | 18.60 | | |
| Bad Axe | 57 | 30 | 1 | 3,032 | 2,695 | 2,693 | 0.00 | 0.68 | 1.34 | 18.02 | 20.52 | 2.23 |
| Pigeon | 56 | 23 | | 2,920 | 2,641 | | 0.11 | 0.34 | 0.82 | 18.41 | | |
| Saginaw | 60 | 29 | | 3,222 | 2,858 | | 0.02 | 0.09 | 0.64 | 21.63 | | |
| Standish | 58 | 20 | | 2,905 | 2,623 | | 0.25 | 0.43 | 0.96 | 17.49 | | |
| East Central | 67 | 20 | | 2,983 | 2,720 | | 0.10 | 0.32 | 1.07 | 19.25 | | |
| Fennville | 60 | 28 | 0 | 3,136 | 2,758 | 2,960 | 0.14 | 0.47 | 0.93 | 18.11 | 24.10 | 2.79 |
| Grand Rapids | 62 | 30 | | 3,526 | 3,047 | | 0.02 | 0.15 | 0.74 | 20.38 | | |
| Holland | 60 | 30 | | 3,430 | 3,049 | | 0.25 | 0.93 | 1.57 | 20.85 | | |
| South Bend, IN | 62 | 28 | | 3,674 | 3,142 | | 0.13 | 0.52 | 1.61 | 28.36 | | |
| Watervliet | 62 | 30 | | 3,370 | 3,004 | | 0.13 | 0.33 | 1.01 | 22.83 | | |
| Southwest | 62 | 27 | 0 | 3,347 | 2,937 | 2,902 | 0.12 | 0.37 | 1.05 | 22.89 | 22.81 | 2.32 |
| Belding | 60 | 24 | | 3,071 | 2,773 | | 0.01 | 0.03 | 0.54 | 17.02 | | |
| Coldwater | 59 | 28 | | 3,167 | 2,862 | | 0.14 | 0.29 | 1.13 | 32.15 | | |
| Lansing | 59 | 30 | | 3,278 | 2,929 | | 0.05 | 0.07 | 1.38 | 21.73 | | |
| South Central | 62 | 24 | | 3,190 | 2,933 | | 0.13 | 0.26 | 1.13 | 23.23 | | |
| Detroit | 61 | 32 | 0 | 3,589 | 3,299 | 2,897 | 0.12 | 0.13 | 0.88 | 20.30 | 21.90 | 2.44 |
| Flint | 59 | 26 | | 3,265 | 2,824 | | 0.05 | 0.23 | 1.40 | 22.29 | | |
| Romeo | 60 | 30 | | 3,222 | 2,995 | | 0.19 | 0.30 | 1.26 | 25.42 | | |
| Tipton | 60 | 30 | | 3,246 | 2,953 | | 0.27 | 0.47 | 1.30 | 25.05 | | |
| Toledo, OH | 63 | 32 | | 3,532 | 3,283 | | 0.52 | 0.81 | 1.69 | 28.34 | | |
| Southeast | 63 | 25 | | 3,281 | 3,052 | | 0.20 | 0.38 | 1.35 | 22.64 | | |

¹ Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.